[redacted]

R+D-5-1

CLASSIFICATION CHANGED TO [redacted]
By authority of [redacted]
[redacted] 27 APR 1966

DOWNGRADED AT 3 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS
DOD DIR 5200.10

[redacted]

CHIEF, AIRES FIELD OFFICE, VANDENBERG AFB, CALIF

CHIEF, AFSDC, SSD, AFBMD, LOS ANGELES 45, CALIF. ATTN: WDZSE

HQ COMMAND POST WING, USAF, PALO ALTO, CALIF

LOCKHEED MISSILES AND SPACE DIVISION, VAFB, CALIF (COURIER)

DOUGLAS AIRCRAFT COMPANY, VAFB, CALIF (COURIER)

[redacted] MISSILE DIVISION, VAFB, CALIF (COURIER)

SECRET FROM VELVET-4 2-18-C, LOSA FOR WDZSE.

LOCKHEED FOR DEPT 62-44 AND 62-70. SUBJECT: FLASH REPORT OF LAUNCHING OF DISCOVERER X (SECRET SHIFT-PEEKER) FROM VANDENBERG AFB.

1. VEHICLE CONFIGURATION:

1.1. SATELLITE VEHICLE, LOCKHEED MODEL AGENA SERIAL NUMBER 1024, CODE WORD 2521 TONTO SPIRIT.

1.2. FIRST STAGE VEHICLE, THOR DM-18, DAC SERIAL NO. 329 MODIFIED TO ACCEPT THE AGENA NO. 1024.

V-60-2-495

10 Feb 60

OFFICE SYMBOL	[redacted] ORIGINATOR				
NAME	[redacted] WHEELER, Lt Col, USAF				
DATE	9-6-24	1	3	[redacted]	

Form 11
1 Nov 59 [redacted] COORDINATION SHEET

Replaces AFBMD Form 11, 1 Jun 59

[redacted]

[illegible] COMMAND HEADQUARTERS, VANDENBERG AFB, CALIFORNIA

II. DATE AND TIME OF LAUNCH

2.1. LAUNCH WAS ACCOMPLISHED ON [illegible] FOR [illegible] DAYLIGHT.

III. MISSION OBJECTIVES AND RESULTS

3.1. THE PRIMARY OBJECTIVES WERE NOT ACHIEVED DUE TO THE DESTRUCTION OF THE VEHICLE [illegible] SECONDS AFTER LIFT-OFF BY THE RANGE SAFETY OFFICER AT AN ALTITUDE OF [illegible] FEET.

3.2. THE FLIGHT PHASE APPEARED NORMAL DURING LIFT-OFF. IMMEDIATELY AFTER LIFT-OFF PITCH ATTITUDE OSCILLATIONS DEVELOPED AND INCREASED IN AMPLITUDE TO THE POINT WHERE SUFFICIENT DEVIATIONS OCCURRED TO VIOLATE FLIGHT SAFETY CRITERIA. THE PITCH OSCILLATION FREQUENCY WAS APPROXIMATELY [illegible] CYCLES PER SECOND. THE OSCILLATION INCREASED IN AMPLITUDE THROUGHOUT THE FLIGHT. THE FAILURE [illegible] CAUSED NO PERSONNEL INJURIES OR PUBLIC PROPERTY DAMAGE. ALL MAJOR COMPONENTS WERE RECOVERED.

3.3. TELEMETRY AND RADAR INSTRUMENTATION DOCUMENTED THE FLIGHT PERFORMANCE PARAMETERS. THE FOLLOW-ON REPORT WILL INCLUDE FURTHER ANALYSIS OF THIS DATA.

3.4. PAD DAMAGE WAS LIGHT AS NORMALLY EXPERIENCED.

3.5. TWO HOLDS WERE ENCOUNTERED DURING THE COUNTDOWN. THE FIRST FOR A MALFUNCTION IN ONE [illegible] LIFT. THE SECOND

[redacted]

[redacted]

[redacted]

CHIEF, AFSSD FIELD OFFICE, VANDENBERG AFB, CALIFORNIA.

WAS A DELAY IN ACHIEVING TANK PRESSURIZATION WITHOUT EXCEEDING TEMPERATURE LIMITS. TOTAL HOLD TIME WAS ONE HOUR AND FIFTEEN MINUTES.

[redacted]